

Classes from 16th-31st March for paper II.2: Understanding real life situations through Discrete Mathematics

Theory Part:

The classes from 16th-31st March, 2020 will be held through online mode as per the timetable. The assignments will be mailed to all the students on weekly basis. For theory part, students are advised to refer online pdf of Discrete Mathematics and Its Applications by Kenneth H. Rosen, Discrete Mathematics with Graph theory by Goodaire and Parmenter.

In this duration, students are asked to prepare following topics from suggested readings, these readings have already been mailed to all the students.

1. Week -1: Planar graph, Idea of region - Euler formula - Kuratowski theorem and application
2. Week-2 Revision of Shortest Path algorithms-Dijkstra Algorithm, Bellman Ford Algorithm, Floyd Warshell Algorithm and their comparison in terms of complexities

In case of any doubt or queries, students are suggested to contact me (sonaiitr@gmail.com) via Google hangout or through emails.

Practical Part: In our last class held on 06th March, 2020, all the students were asked to prepare a google spreadsheet of their class projects with tentative titles and their team members. Kindly share that sheet with me and all the groups need to mail me the progress of their work.

Stay Safe and Healthy.

Dr. Sonam Tanwar